

RECEIVED  
CENTRAL FAX CENTERMAY 19 2004  
OFFICIAL

# Fax

<b>Attention:</b>	Group Art Unit N/A	<b>From:</b>	M. Liz Bush
<b>Fax:</b>	(703) 872-9306	<b>Fax:</b>	(818) 833-2065
<b>Examiner's Phone:</b>		<b>Phone:</b>	(818) 833-2003
<b>Company:</b>	United States Patent and Trademark Office	<b>Company:</b>	Quallion LLC
<b>Re:</b>	Application Serial No. 10/810,081	<b>Pages:</b>	Total of 12 pages
	Inventor(s): Robert C. WEST et al.	<b>Date:</b>	May 19, 2004
	Filing Date: March 25, 2004		
	for ELECTROLYTE INCLUDING POLYSILOXANE WITH CYCLIC CARBONATE GROUPS		
	Examiner: N/A		
	Group Art Unit: N/A		
	Attorney Docket No. Q199-US1		

☐ Urgent    ☒ For Review    ☐ Please Comment    ☒ Please Reply    ☐ Please Recycle

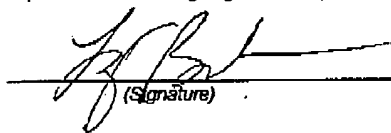
If you have any questions or did not receive this transmission in its entirety, please call (818) 833-2000, extension 2003.

## CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)

I hereby certify that the following documents are being facsimile transmitted to the United States Patent and Trademark Office, Fax No. 703-872-9306 on May 19, 2004:

- Information Disclosure Statement (in duplicate)
- PTO Form 1449 and copy of cited reference(s)

M. Elizabeth Bush, Reg. No. 38,402  
(Name of Person Signing Certificate)

  
(Signature)

**Quallion LLC**

PO Box 923127, Sylmar, CA 91392-3127 • PH: (818) 833-2000 • FAX: (818) 833-2065

NOTICE: This message is confidential, may be legally privileged, and is for the intended recipient only. Access, disclosure, copying, distribution, or reliance on any of it by anyone else is prohibited and may be a criminal offense. If it has been sent to you in error, please advise the sender of the error and immediately destroy this message.

PATENT  
Q199-US1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Robert C. WEST et al.

Serial No: 10/810,081

Filed: March 25, 2004

For: ELECTROLYTE INCLUDING  
POLYSILOXANE WITH CYCLIC  
CARBONATE GROUPS

Art Unit: N/A

Examiner: N/A

**TRANSMITTAL OF  
INFORMATION DISCLOSURE STATEMENT**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Dear Sirs:

1. ☒ The information disclosure statement submitted herewith is being filed within three months of the filing date of the application other than a continued prosecution application, or within three months of the date of entry into the national stage of an international application, or before the mailing date of a first Office Action on the merits, or before the mailing of a first Office action after the filing of a request for continued examination under §1.114, whichever event occurs last. 37 C.F.R. §1.97(b).
2. ☐ The information disclosure statement transmitted herewith is being filed *after* the period specified in §1.97(b), but *before* the mailing date of a final action under §1.113, or a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, whichever occurs first. A statement specified in §1.97(e) or a fee set forth in §1.17(p) is included. 37 C.F.R. §1.97(c).

**§1.97(e) STATEMENT**

I, the person signing below, state:

- ☐ that each item of information contained in the information disclosure statement was first cited in the attached communication from a foreign patent office in a counterpart foreign application and that the communication is dated not more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(1).

OR

- ☐ that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(2).

PATENT  
Q199-US1OR FEE

- ☐ Attached is a fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(c). (\$180.00).
- ☐ Please charge the fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(c) (\$180.00) to Deposit Account No. 50-0921, referencing docket number \_\_\_\_\_. A copy of this petition is enclosed.
3. ☐ The information disclosure statement transmitted herewith is being filed *after* the period specified in §1.97(c), but before, or simultaneously with the payment of the issue fee. A statement specified in §1.97(e) and a fee set forth in §1.17(p) are included. 37 C.F.R. §1.97(d).

§1.97(e) STATEMENT

I, the person signing below, state:

- ☐ that each item of information contained in the information disclosure statement was first cited in the attached communication from a foreign patent office in a counterpart foreign application and that the communication is dated not more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(1).

OR

- ☐ that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(2).

AND FEE

- ☐ Attached is a fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(d). (\$180.00).
- ☐ Please charge the fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(c) (\$180.00) to Deposit Account No. 50-0921, referencing docket number \_\_\_\_\_. A copy of this petition is enclosed.
4. The filing of an information disclosure statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b) [37 C.F.R. § 1.97(h)]. Further, applicants make no admission that all references presented here are prior art in relation to the present application.
5. If it should be determined that for any reason either an insufficient fee or an excessive has been paid, please charge any insufficiency or credit any overpayment necessary to ensure consideration of the information disclosure statement for the above-identified application to Deposit Account No. 50-0921. **A copy of this petition is enclosed.**
6. A list of 2 reference(s) is in the enclosed Form PTO-1449. 2 reference(s) are enclosed.
- ☐ Pursuant to 37 C.F.R. § 1.98(d), a copy / copies of some of the listed reference(s) is / are not provided since it is / they are of record in parent application Serial No. \_\_\_\_\_ filed \_\_\_\_\_, the benefit of the filing date of which is claimed herein under 35 U.S.C. § 120.

PATENT  
Q199-US1

- ☐ The instant application having been filed after June 30, 2003, copies of U.S. references are omitted pursuant to 1276 Off. Gaz. Pat. Off. 55, 8/5/2003: "The Office hereby waives the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC 371 after June 30, 2003. See 37 CFR 1.491(b)."

Respectfully submitted,

Date: May 19, 2004

By: 

M. Elizabeth Bush  
Registration No. 38,402  
Patent Agent for Applicant(s)

Quallion LLC Legal Department  
P.O. Box 923127  
Sylmar, CA 91392-3127  
(818) 833-2003 (ph)  
(818) 833-2065 (fax)

MAY 19 2004

OFFICIAL

PATENT  
Q199-US1

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Robert C. WEST et al.

Serial No: 10/810,081

Filed: March 25, 2004

For: ELECROLYTE INCLUDING  
POLYSILOXANE WITH CYCLIC  
CARBONATE GROUPS

Art Unit: N/A

Examiner: N/A

**TRANSMITTAL OF  
INFORMATION DISCLOSURE STATEMENT**Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313

Dear Sirs:

1. ☒ The information disclosure statement submitted herewith is being filed within three months of the filing date of the application other than a continued prosecution application, or within three months of the date of entry into the national stage of an international application, or before the mailing date of a first Office Action on the merits, or before the mailing of a first Office action after the filing of a request for continued examination under §1.114, whichever event occurs last. 37 C.F.R. §1.97(b).
2. ☐ The information disclosure statement transmitted herewith is being filed *after* the period specified in §1.97(b), but *before* the mailing date of a final action under §1.113, or a notice of allowance under §1.311, or an action that otherwise closes prosecution in the application, whichever occurs first. A statement specified in §1.97(e) or a fee set forth in §1.17(p) is included. 37 C.F.R. §1.97(c).

**§1.97(e) STATEMENT**

I, the person signing below, state:

- ☐ that each item of information contained in the information disclosure statement was first cited in the attached communication from a foreign patent office in a counterpart foreign application and that the communication is dated not more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(1).

OR

- ☐ that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(2).

PATENT  
Q199-US1OR FEE

- ☐ Attached is a fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(c). (\$180.00).
- ☐ Please charge the fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(c) (\$180.00) to Deposit Account No. 50-0921, referencing docket number \_\_\_\_\_. A copy of this petition is enclosed.
3. ☐ The information disclosure statement transmitted herewith is being filed *after* the period specified in §1.97(c), but before, or simultaneously with the payment of the issue fee. A statement specified in §1.97(e) and a fee set forth in §1.17(p) are included. 37 C.F.R. §1.97(d).

§1.97(e) STATEMENT

I, the person signing below, state:

- ☐ that each item of information contained in the information disclosure statement was first cited in the attached communication from a foreign patent office in a counterpart foreign application and that the communication is dated not more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(1).

OR

- ☐ that no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the statement. 37 C.F.R. §1.97(e)(2).

AND FEE

- ☐ Attached is a fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(d). (\$180.00).
- ☐ Please charge the fee set forth in 37 C.F.R. §1.17(p) for submission of an information disclosure statement under §1.97(c) (\$180.00) to Deposit Account No. 50-0921, referencing docket number \_\_\_\_\_. A copy of this petition is enclosed.
4. The filing of an information disclosure statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b) [37 C.F.R. § 1.97(h)]. Further, applicants make no admission that all references presented here are prior art in relation to the present application.
5. If it should be determined that for any reason either an insufficient fee or an excessive has been paid, please charge any insufficiency or credit any overpayment necessary to ensure consideration of the information disclosure statement for the above-identified application to Deposit Account No. 50-0921. A copy of this petition is enclosed.
6. A list of 2 reference(s) is in the enclosed Form PTO-1449. 2 reference(s) are enclosed.
- ☐ Pursuant to 37 C.F.R. § 1.98(d), a copy / copies of some of the listed reference(s) is / are not provided since it is / they are of record in parent application Serial No. \_\_\_\_\_ filed \_\_\_\_\_, the benefit of the filing date of which is claimed herein under 35 U.S.C. § 120.

PATENT  
Q199-US1

- ☐ The instant application having been filed after June 30, 2003, copies of U.S. references are omitted pursuant to 1276 Off. Gaz. Pat. Off. 55, 8/5/2003: "The Office hereby waives the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications filed after June 30, 2003 and for all international applications that have entered the national stage under 35 USC 371 after June 30, 2003. See 37 CFR 1.491(b)."

Respectfully submitted,

Date: May 19, 2004

By: 

M. Elizabeth Bush

Registration No. 38,402

Patent Agent for Applicant(s)

Quallion LLC Legal Department  
P.O. Box 923127  
Sylmar, CA 91392-3127  
(818) 833-2003 (ph)  
(818) 833-2065 (fax)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/810,081
				Filing Date	March 25, 2004
				First Named Inventor	Robert C. WEST et al.
				Art Unit	N/A
				Examiner Name	N/A
Sheet	1	of	1	Attorney Docket number	Q199-US1

**US PATENT DOCUMENTS**

Examiner Initials	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	Number - Kind Code			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	English Abstract	Machine Translation	Entire Document
	Office	Number	Kind					
								✓
								✓
								✓

**OTHER DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published
	Y. KANG et al., Solid Polymer Electrolytes based on Cross-linked Siloxane-g-oligoethylene oxide: Ionic conductivity and Electrochemical Properties, Abstract book of 11th International Meeting on Lithium Batteries (IMLB 11), June 23 - 28, 2002.
	Y. KANG et al., Solid Polymer Electrolytes Based on Cross-Linked Polysiloxane-g-oligo(ethylene oxide): Ionic Conductivity and Electrochemical Properties, Journal of Power Sources 119-121 (1 June 2003), pp. 448-453.

Examiner Signature		Date Considered	
--------------------	--	-----------------	--